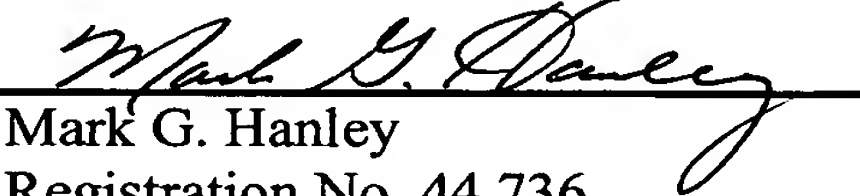




PATENT
INTEL/16810

**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

Applicants: Tang et al.)	I hereby certify that this paper is
)	being deposited with the United
Serial No.: 10/648,500)	States Postal Service with
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Assignee: Intel Corporation)	Box 1450, Alexandria, VA 22313-
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For: METHODS AND APPARATUS FOR)	
DETERMINING APPROXIMATING)	January 15, 2004
POLYNOMIALS USING INSTRUCTION-)	
EMBEDDED COEFFICIENTS)	
)	Mark G. Hanley
Group Art Unit: Unknown)	Registration No. 44,736
)	Attorney for Applicants
Examiner: Unknown)	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir or Madam:

The patents and/or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 CFR §§ 1.56, 1.97, and 1.98. Copies of the patents or publications are enclosed.

TIME OF FILING

This information disclosure statement is being filed to the best of the undersigned's knowledge, before the mailing date of a first Office action on the merits. In accordance with 37 CFR §1.97(b), no certification or fee is required.

PRIOR AND RELATED APPLICATIONS

The examiner is respectfully made aware of the following co-pending application
which contains subject matter related to this application:

Applicant(s):	Tang et al.
Serial No.	10/726,828
Filing Date:	December 3, 2003
Title:	METHODS AND APPARATUS FOR PERFORMING CALCULATIONS USING REDUCED-WIDTH DATA
Status:	Filed

METHOD OF PAYMENT

☒ No fee is required.

The Commissioner is authorized to charge any fee deficiency required by this paper, or credit any overpayment, to Deposit Account No. 50-2455. A copy of this paper is enclosed.

Correspondence Address:

Respectfully submitted,

GROSSMAN & FLIGHT, LLC.
20 N. Wacker Drive
Suite 4220
Chicago, Illinois 60606
(312) 580-1020

By:

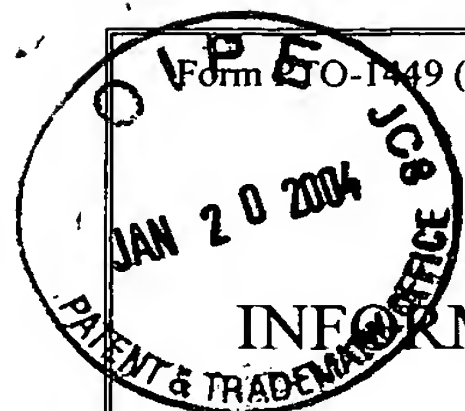


Mark G. Hanley

Registration No.: 44,736

January 15, 2004

Attorneys for Intel Corporation



Form PTO-1449 (Modified)

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

INTEL/16810

Serial No.

10/648,500

Applicants

Tang et al.

Filing Date

8/26/2003

Group Art Unit

Unknown

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Document Number	Publication Date	Country	Class	Subclass	Translation Yes No	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	M.J.D. Powell. "Approximation Theory and Methods." Cambridge University Press, May, 1981. Pages 85-95. ISBN: 0521295149.
	"IEEE Standard for Floating-point Arithmetic." ANSI/IEEE Standard 754-1985. Published by The Institute of Electrical and Electronics Engineers, Inc., New York, New York. 1985.
	Ping Tak Peter Tang. "Table-lookup Algorithms for Elementary Functions and Their Error Analysis." Proceedings of the 10 th Symposium on Computer Architecture, pages 232-236. Grenoble, 1991.
	Cornea-Hasegan, M; Norin B. "IA-64 Floating-point Operations and the IEEE Standard for Binary Floating-point Arithmetic." Intel Technology Journal Q4, 1999. http://www.intel.com/technology/itj/q41999/pdf/ia64fpbf.pdf .

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.